

Docket No.: 3351-048



Response #6  
12-13-02  
Witcher  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Thomas S. HEATH

Serial No. 09/577,478

Filed: May 25, 2000

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: Group Art Unit: 2614  
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: Examiner: P. Natnael  
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For: IMAGE ENHANCEMENT

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RESPONSE

COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Sir:

The following remarks are submitted in response to the Office Action mailed September 12, 2002.

Remarks

Reconsideration and allowance of the subject application in view of the foregoing amendments and the following remarks is respectfully requested. Claims 1-22 remain pending.

The rejection of claims 1-22 under 35 USC 103 (a) as being unpatentable over Szeliski et al (U.S. Patent 6,157,747) in view of Eppler (U.S. Patent 6,084,989) is hereby traversed.

1 → The Examiner admits that Szeliski fails to teach (1) upsampling each of the video frames and (2) interpolating the upsampled video frames. The Examiner attempts to overcome this deficiency by combining Eppler; however, the Examiner has failed to identify a teaching, suggestion, or motivation for making the asserted combination of Szeliski with Eppler.

2 → In particular, the examiner has failed to identify a teaching, suggestion or motivation for combining the satellite based landmark detection system of Eppler with the image mosaic creation method of Szeliski. Both systems deal with images; however, Eppler attempts to